

## Lightweight Information Describing Objects (LIDO)

This document was created in the context of the ASCH project<sup>1</sup>. It analysis the applicability of LIDO according to the requirements defined by the ASCH project.

LIDO is a metadata standard for the description of museum objects. It is primarily an interchange schema which supports

- the delivering, sharing and connecting of museums' metadata,
- the display of data in multilingual portal environments using language attributes that can be associated with each element.<sup>2</sup>

LIDO is an XML Schema which makes it possible to use unique identifiers for values from controlled vocabularies like GND<sup>3</sup>, TGN<sup>4</sup>, AAT<sup>5</sup>, LCSH<sup>6</sup> etc.

in metadata descriptions. Thereby LIDO gives museums the possibility to provide their object information as Linked Data, by mapping their LIDO descriptions to RDF compliant standards like EDM<sup>7</sup> or CIDOC CRM<sup>8</sup>.

Some of the examples are taken from the "Dokumentation des Exportformats für Kenom"<sup>9</sup>.

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<sup>1</sup> <http://asch.wiki.gwdg.de/index.php/asch>About>

<sup>2</sup> <http://network.icom.museum/cidoc/working-groups/lido/what-is-lido/>

<sup>3</sup> [http://www.dnb.de/DE/Standardisierung/GND/gnd\\_node.html](http://www.dnb.de/DE/Standardisierung/GND/gnd_node.html)

<sup>4</sup> <http://www.getty.edu/research/tools/vocabularies/tgn/>

<sup>5</sup> <http://www.getty.edu/research/tools/vocabularies/aat/index.html>

<sup>6</sup> <http://id.loc.gov/authorities/subjects.html>

<sup>7</sup> <http://tinyurl.com/qa6u6fc>

<sup>8</sup> <http://www.cidoc-crm.org/docs/mappings/MappingLidoToCidoc.xml>

<sup>9</sup> [https://www.gbv.de/wikis/cls/Dokumentation\\_des\\_Exportformats\\_f%C3%BCr\\_Kenom](https://www.gbv.de/wikis/cls/Dokumentation_des_Exportformats_f%C3%BCr_Kenom)

<b>Resource</b>	Superclass of all classes used in the model	Entity				✗
[Requirement 6]	Resources must be identified by identifiers that are unique, machine readable and persistent.	Property		LIDO provides elements for the use of identifiers for all entities described in a LIDO record (actorID, conceptID, eventID etc.).	<lido:actor><lido:actorID>http://d-nb.info/gnd/118624792</lido:actorID><lido:nameActorSet><lido:appellationValue>Tutanchamun, Ägypten, Pharaon</lido:appellationValue></lido:nameActorSet></lido:actor>	✓
[Requirement 7]	Resources must be identified by a name/appellation that allows to distinguish between resources of the same type	Property	lido:appellationValue	Appellations, e.g. titles, identifying phrases, or names given to an item, but also name of a person or corporation, also place name etc.		✓
[Requirement 8]	The nature of a resource must be described using 1-n controlled values.	Property		LIDO provides elements and attributes for the description of the type for all entities described in a LIDO record (rightsType, recordType, eventType, objectWorkType, etc.).  Attributes are not repeatable.	<lido:objectWorkType><lido:conceptID lido:type="URI">http://vocab.getty.edu/aat/300191918</lido:conceptID><lido:term>Asian Coins</lido:term></lido:objectWorkType>	(✓)
[Requirement 9]	Resources can be interlinked with 0-n other resources.	Occurrence	lido relatedWorkSet	A wrapper for an object/work, group, collection, or series that is directly related to the object/work being recorded.  relatedWorkSet is repeatable.	<lido:relatedWorkSet><lido:relatedWork><lido:object><lido:objectID>http://www.deutsche-digitale-bibliothek.de/item/EQJAMCAVD755DTKB YD5JG3SLRXLITTQQ</lido:objectID><lido:object><lido:relatedWork><lido:relatedWorkRelType><lido:conceptID>http://d-nb.info/gnd/4172832-4</lido:conceptID></lido:relatedWorkRel	✓
[Requirement 10]	Resources must be interlinked with each other using unique, machine readable and persistent identifiers.	Values	lido:objectID	Unique identifier of the referenced object/work.		✓

[Requirement 11]	The nature of the relation between two resources can be specified using controlled values.	Property	lido:relatedWorkRelType	A term describing the nature of the relationship between the object/work at hand and the related entity.	Type</lido:relatedWorkSet>	✓
[Requirement 12]	The relation between two resources can be specified by the time this relation was valid.	Property				X
[Requirement 71]	Topics of information resources must be described using controlled values	Property	lido:subject	Contains sub-elements for a structured subject description. These identify, describe, and/or interpret what is depicted in and by an object/work or what it is about.	<lido:subject><lido:subjectConcept><lido:conceptID>http://d-nb.info/gnd/4448739-3/</lido:conceptID></lido:term>Agennesia</lido:term></lido:subjectConcept></lido:subject>	✓
[Requirement 72]	Resources used as access points must be identified as instances of one or more classes.	Property		For all entities that may be used as access points repeatable type elements are used.	<lido:objectWorkType><lido:conceptID>http://vocab.getty.edu/aat/300191918</lido:conceptID></lido:objectWorkType><lido:objectWorkType><lido:conceptID>http://d-nb.info/gnd/4040629-5</lido:conceptID></lido:objectWorkType>	✓
<b>Metadata Set</b>	<b>The machine readable description of a single resource by statements.</b>	<b>Entity</b>	<b>lido:lido</b>	<b>Wrapper for an object record.</b>		✓
[Requirement 1]	Resource descriptions must be machine readable.			LIDO provides a machine readable structured description of resources in XML.		✓
[Requirement 2]	Resource descriptions must be compliant to the one-to-one principle			LIDO provides different “wrappers” to differentiate between different resources (object, event, actor, etc.)		✓
[Requirement 3]	A resource description must provide all attributes necessary to identify	Property		LIDO provides elements and attributes sufficient for the identification and		✓

	the resource and distinguish it from other resources of the same type.			differentiation of resources.		
[Requirement 4]	Resource descriptions must be identified by identifiers that are unique, machine readable and persistent.		lido:recID	A unique lido record identification preferably composed of an identifier for the contributor and a record identification in the contributor's (local) system.	<lido:recID>record_DE-MUS-163517_kenom_456789</lidoRecID>	✓
[Requirement 5a]	Creation of resource descriptions must be documented by time stamps.	Property	lido:recordMetadataDate	Creation date or date modified of the metadata record. Format will vary depending upon implementation.	<lido:recordMetadataDate lido:type="created">2014-08-18T15:49:35</lido:recordMetadataDate>	✓
[Requirement 5b]	Modification of resource descriptions must be documented by time stamps.	Property	lido:recordMetadataDate	Creation date or date modified of the metadata record. Format will vary depending upon implementation.	<lido:recordMetadataDate lido:type="modified">2014-08-18T15:49:35</lido:recordMetadataDate>	✓
[Requirement 63]	Resource descriptions must include information about the reusability of these descriptions (e.g. license information)	Property	lido:recordRights	Information about rights regarding the content provided in this LIDO record.	<lido:recordRights><lido:rightsType><lido:conceptID lido:type="uri">http://creativecommons.org/publicdomain/zero/1.0/</lido:conceptID></lido:rightsType></lido:recordRights>	✓
[Requirement 64]	Resource descriptions must be compliant to a cross-domain or domain-specific metadata standard.			LIDO is an international standard for interchange of metadata about museum resources.		✓
[Requirement 65]	Resource descriptions must refer to the used metadata standard(s)	Property	lido:lidoWrap	Wrapper for the whole document.	<lido:lidoWrap xsi:schemaLocation="http://www.lido-schema.org http://www.lido-schema.org/schema/v1.0/lido-v1.0.xsd">	✓
<b>Item</b>	<b>A real world thing in a collection</b>	<b>Entity</b>				<b>x</b>
[Requirement 13]	Item descriptions can be interlinked	Property	lido relatedWorkSet	A wrapper for an object/work, group,	<lido:relatedWorkSet><lido:relatedWork	✓

	with evidence.			collection, or series that is directly related to the object/work being recorded.  relatedWorkSet is repeatable.	<lido:object><lido:objectID>http://telota.bbaw.de/AvHBriefedition/#/1"/</lido:objectID></lido:object><lido:relatedWorkSet></lido:relatedWorkSet>	
[Requirement 20]	Item descriptions must be interlinked with 1-n events in the lifecycle of the item.	Property	lido:eventSet	Wrapper for the display and index elements for events (e.g. creation, find, and use), in which the object participated.  For multiple events repeat the element.	<lido:descriptiveMetadata><lido:eventWrap><lido:eventSet><lido:event> ...	✓
[Requirement 75]	Items must be identified by identifiers that are unique, machine readable and persistent.	Property	lido:objectPublishedID	A unique, published identification of the described object/work.	<lido:objectPublishedID lido:type="handle">http://hdl.handle.net/428894.vzg/550e8400-e29b-11d4-a716-446655440000</lido:objectPublishedID>	✓
[Requirement 76]	Items must be identified by a name or appellation.	Property	lido:titleSet	Wrapper for object name / title information.	<lido:titleSet><lido:appellationValue>Lade der Frisörinnung Eckernförde</lido:appellationValue></lido:titleSet>	✓
[Requirement 42]	For items a digital representation/copy can be available.	Property	lido:resourceWrap	A wrapper for resources that are surrogates for an object/work, including digital images, videos or audio files that represent it in an online service.	<lido:resourceWrap><lido:resourceSet><lido:resourceRepresentation><lido:linkResource lido:formatResource="jpg">http://wwwuser.gwdg.de/~subtypo3/gdz/jpg/PPN349619980/1000/0/00000001.jpg</lido:linkResource></lido:resourceRepresentation></lido:resourceSet></lido:resourceWrap>	✓
[Requirement 44]	Items can be represented by digital representations in different resolutions.	Property	lido:resourceRepresentation	A digital representation of a resource for online presentation.	<lido:resourceWrap><lido:resourceSet><lido:resourceRepresentation lido:type="PRESENTATION"><lido:linkResource>http://img.sub.uni-	✓

					hamburg.de/goobi/PPN663949181/00000001.tif</lido:linkResource></lido:resourceRepresentation><lido:resourceRepresentation lido:type="MIN"><lido:linkResource>http://img.sub.uni-hamburg.de/goobi/PPN663949181/00000001.tif</lido:linkResource></lido:resourceRepresentation></lido:resourceSet></lido:resourceWrap>	
[Requirement 51]	Item descriptions must be assigned to 1-n collections.	Property	lido:relatedWorkSet	A wrapper for an object/work, group, collection, or series that is directly related to the object/work being recorded.  relatedWorkSet is repeatable.	<lido:relatedWorkSet><lido:relatedWork><lido:object><lido:objectID>http://ld.zdb-services.de/resource/organisations/DE-MUS-070128</lido:objectID></lido:object><lido:relatedWork></lido:relatedWorkSet>	✓
[Requirement 52]	All items of a collection must be interlinked with the collection using unique, machine readable and persistent identifiers.		lido:objectID	Unique identifier of the referenced object/work.		✓
[Requirement 77]	Item descriptions must interlink with information about the current location of the item.	Property	lido:repositoryWrap	Wrapper for Repository/Location information.	<lido:repositoryWrap><lido:repositorySet lido:type="current"><lido:repositoryName><lido:legalBodyID>lido:type="URI">http://ld.zdb-services.de/resource/organisations/DE-7</lido:legalBodyID></lido:repositoryName></lido:repositorySet></lido:repositoryWrap>	✓
[Requirement 59]	Item descriptions must provide machine readable information about the accessibility and usability of	Property	lido:rightsWorkSet	Information about rights management; may include copyright and other intellectual property statements about the	<lido:rightsWorkSet><lido:rightsHolder><lido:legalBodyID lido:type="URI">http://ld.zdb-	✓

	items.			object/work.	services.de/resource/organisations/DE-7</lido:legalBodyID><lido:legalBodyWeblink>http://www.sub.uni-goettingen.de/kontakt/information-beratung/</lido:legalBodyWeblink></lido:rightsHolder></lido:rightsWorkSet>	
<b>Evidence</b>	<b>A resource proving the reliability of a statement about a resource.</b>	<b>Entity</b>	<b>lido:objectRelationWrap</b>	<b>Wrapper for information about related topics and works, collections, etc.</b>		✓
[Requirement 15]	Evidences can be machine readable.			Out of scope.		X
[Requirement 16]	The nature of an evidence must be described by 1-n controlled values	Property				X
[Requirement 17]	Information about resources in an evidence must be identified by unique identifiers.	Property		Out of scope.		X
[Requirement 18]	Information about the nature of a resource in an evidence must be identified by 1-n controlled values.	Property		Out of scope.		X
[Requirement 78]	Evidence descriptions must provide information about the accessibility and reusability of the resource.	Property				X
<b>Event</b>	<b>An activity in the lifecycle of a resource</b>	<b>Entity</b>	<b>lido:eventWrap</b>	<b>Wrapper for event sets.</b>		✓
[Requirement 79]	Event descriptions can be interlinked with evidence about the event (e.g. documents)	Property				X
[Requirement 21]	Event descriptions must be machine			LIDO supports a machine readable		✓

	readable.			structured description of resources in XML.		
[Requirement 22]	Event descriptions must show the nature of the relation between items, agents, places and/or time.	Property	lido:eventType	The nature of an event associated with an object/work.	<code>&lt;lido:eventType&gt;&lt;lido:conceptID lido:type="URI"&gt;http://terminology.lido-schema.org/lido00001&lt;/lido:conceptID&gt;&lt;lido:term xml:lang="en"&gt;Acquisition&lt;/lido:term&gt;&lt;lido:term&gt;Erwerbung&lt;/lido:term&gt;&lt;/lido:eventType&gt;&lt;edm:hasType rdf:resource="http://terminology.lido-schema.org/lido00001"/&gt;</code>	✓
[Requirement 23]	An event in the lifecycle must be related to 1-n items.	Property	lido:thingPresent	References another object that was present at this same event.  lido:thingPresent is repeatable.	<code>&lt;lido:thingPresent&gt;&lt;lido:object&gt;&lt;lido:objectID&gt;DE-MUS-789911/lido/Fr70"&lt;/lido:objectID&gt;&lt;/lido:object&gt;&lt;/lido:thingPresent&gt;</code>	✓
[Requirement 24]	An event in the lifecycle of an item must be related to 0-n agents	Property	lido:eventActor	Wrapper for display and index elements for an actor with role information (participating or being present in the event).  lido:eventActor is repeatable.	<code>&lt;lido:eventActor&gt;&lt;lido:actorInRole&gt;&lt;lido:actor lido:type="personal"&gt;&lt;lido:actorID lido:type="URI"&gt;http://d-nb.info/gnd/11696992X&lt;/lido:actorID&gt;&lt;/lido:actor&gt;&lt;lido:roleActor&gt;&lt;lido:conceptID lido:type="URI"&gt;http://id.loc.gov/vocabulary/relators/ccp&lt;/lido:conceptID&gt;&lt;/lido:roleActor&gt;&lt;/lido:actorInRole&gt;&lt;/lido:eventActor&gt;</code>	✓
[Requirement 25]	The function/role of an agent during an event must be specified using controlled values (e.g. creator, dealer, collector).	Property	lido:roleActor	Role of the actor in the event.		✓
[Requirement 26]	An event in the lifecycle of an item must be related to 0-n places.	Property	lido:eventPlace	Place specification of the event.  lido:eventPlace is repeatable.	<code>&lt;lido:eventPlace&gt;&lt;lido:place&gt;&lt;lido:placeID&gt;http://vocab.getty.edu/tgn/7005246&lt;/lido:placeID&gt;&lt;/lido:place&gt;&lt;/lido:eventPlace&gt;</code>	✓



[Requirement 27]	An event in the lifecycle of an item must be related to 0-n date information.	Property	lido:eventDate	Date specification of the event.  Lido:eventDate is not repeatable.	<lido:eventDate><lido:date><lido:earliestDate>1401</lido:earliestDate><lido:latestDate>1500</lido:latestDate></lido:date></lido:eventDate>	(✓)
<b>Time</b>	<b>A time span related to a resource via an activity or as a topic</b>	<b>Entity</b>	<b>lido:date</b>	<b>Contains a date specification by providing a set of years as earliest and latest date delimiting the respective span of time.</b>		✓
[Requirement 29]	Date and time indication must be machine readable.	Property	lido:earliestDate	A year or exact data that broadly delimits the beginning of an implied date span.	<lido:eventDate><lido:date><lido:earliestDate>1401</lido:earliestDate><lido:latestDate>1500</lido:latestDate></lido:date></lido:eventDate>	✓
			lido:latestDate	A year or exact date that broadly delimits the end of an implied date span.		
[Requirement 30]	Date information must be compliant to date type standards.	Datatype		Format is according to ISO 8601. This may include date and time specification.		✓
[Requirement 80]	A human readable form of date information can only be used in addition to a machine readable form.	Value	lido:periodName	A period in which the event happened.	<lido:periodName><lido:conceptID> <a href="http://vocab.getty.edu/aat/300021141">http://vocab.getty.edu/aat/300021141</a> </lido:conceptID></lido:periodName>	✓
[Requirement 81]	A human readable form of date information can use values of a controlled vocabulary.	value		Preferably taken from a published controlled vocabulary.		✓
<b>Agent</b>	<b>A person, organization or group related to a resource via an activity or as a topic.</b>	<b>Entity</b>	<b>lido:actor</b>	<b>Describes and identifies an actor, i.e. a person, corporation, family or group.</b>		✓
[Requirement 32]	Agents must be identified by name and biographical information.	Property		lido:actor contains structured sub-elements for indexing and identification references		✓
[Requirement 33]	Agents must be identified by identifiers that are unique, machine	Property	lido:actorID	A unique identifier for the actor.	<lido:actor lido:type="personal"><lido:actorID	✓

	readable and persistent.				<code>lido:type="URI"&gt;http://d-nb.info/gnd/11696992X&lt;/lido:actorID&gt;&lt;/lido:actor&gt;</code>	
[Requirement 34]	Agent descriptions can interlink with resources related to the agent.	Property				X
[Requirement 35]	Agent descriptions must be machine readable.			LIDO supports a machine readable structured description of resources in XML.		✓
[Requirement 36]	Agent descriptions can interlink with places related to the agent.	Property				X
[Requirement 37]	The relation between an agent and a place can be specified by the character of the relation (e.g. visitor or resident)	Property				X
[Requirement 38]	The relation between an agent and a place can be specified by the time this relation was valid.	Property				X
<b>Place</b>	<b>A geographic location related to a resource via an activity or topic.</b>	<b>Entity</b>	<b>lido:place</b>	<b>Contains structured identifying and indexing information for a geographical entity.</b>		✓
[Requirement 39]	Places must be identified by identifiers that are unique, machine readable and persistent.	Property	lido:placeID	A unique identifier for the place.	<code>&lt;lido:place&gt;&lt;lido:placeID&gt;http://vocab.getty.edu/tgn/7005246&lt;/lido:placeID&gt;&lt;/lido:place&gt;</code>	✓
[Requirement 40]	Places must be identified by machine readable geo-information / geographic coordinates	Datatype	lido:gml	Georeferences of the place using the GML specification.		✓

[Requirement 41]	Place descriptions can include 1-n place appellations.	Property	lido:namePlaceSet	The name of the geographic place.  lido:namePlaceSet is repeatable.	<lido:place><lido:namePlaceSet><lido:appellationValue>Sankt-Petersburg</appellationValue></lido:namePlaceSet><lido:namePlaceSet><lido:appellationValue>Peterburg</lido:appellationValue></lido:namePlaceSet></lido:place>	✓
<b>Digital Representation</b>	<b>A digital resource depicting an item</b>	<b>Entity</b>	<b>Lido:resourceWrapper</b>	<b>A wrapper for resources that are surrogates for an object/work, including digital images, videos or audio files that represent it in an online service.</b>		✓
[Requirement 43]	A digital representation/copy must enable the identification of the item it represents.			Out of scope.		✗
[Requirement 45]	The nature of a digital representation must be described using a controlled value.	Property	lido:resourceType	The generic identification of the medium of the image or other resource.	<lido:resourceType><lido:conceptID>http://purl.org/dc/dcmitype/Image</lido:conceptID></lido:resourceType>	✓
[Requirement 60]	Descriptions of digital representations must provide information about the reusability of the digital representation (e.g. license).	Property	lido:rightsResource	Information about rights regarding the image or other resource.	<lido:rightsResource><lido:rightsType>lido:conceptID lido:type="uri">http://creativecommons.org/publicdomain/zero/1.0/</lido:conceptID></lido:rightsType><lido:rightsHolder><lido:legalBodyID lido:type="URI">http://id.zdb-services.de/resource/organisations/DE-7</lido:legalBodyID><lido:legalBodyWebLink>http://www.sub.uni-goettingen.de/kontakt/information-beratung/</lido:legalBodyWebLink></lido:rightsHolder></lido:rightsResource>	✓
[Requirement 61]	Descriptions of a digital representation must provide contact information related to the usability of a digital copy.	Property	lido:rightsHolder	The holder of the right.		✓

[Requirement 82]	Digital representations must be identified by identifiers that are unique, machine readable and persistent.	Property	lido:resourceID	The unique numeric or alphanumeric identification of the original (digital or analogue) resource.	<lido:resourceID>urn:nbn:de:bsz:105-db-id4104242509</lido:resourceID>	✓
<b>Collection</b>	<b>An aggregation of items:</b>	<b>Entity</b>	<b>lido:relatedWorkWrapper</b>	<b>A wrapper for related works information</b>		✓
[Requirement 46]	Collection descriptions must be machine readable.			LIDO supports a machine readable structured description of resources in XML.		✓
[Requirement 47]	Collections must be identified by identifiers that are unique, machine readable and persistent.	Property	lido:objectID	Unique identifier of the referenced object/work.	</lido:relatedWorkSet><lido:relatedWork><lido:object><lido:objectID>http://ld.zdb-services.de/resource/organisations/DE-MUS-056211</lido:objectID></lido:object><lido:displayObject>Ethnologische Sammlung der Georg-August-Universität Göttingen</displayObject></lido:relatedWork><lido:relatedWorkRelType><lido:term xml:lang="en">Collection</lido:term></lido:relatedWorkRelType></lido:relatedWorkSet>	✓
[Requirement 48]	Collections must be identified by an explicit name.	Property	lido:displayObject	A free-text description of the object, corresponding to the following object element.		✓
[Requirement 49]	Collection descriptions must include information about the location/place of the collection.	Property				✗
[Requirement 50]	Collection descriptions must be compliant to a cross-domain metadata standard.			LIDO is an international standard for interchange of metadata about museum resources.		✓

Statement	A predication about an item.	Entity				X
[Requirement 31]	A statement can be interlinked with date information.	Property				X
[Requirement 53]	All statements must be repeatable.	Property		Some statements are not repeatable (e.g. lido:date)		X
[Requirement 73]	Statements can be interlinked with information about their origin.	Property				X
[Requirement 74]	Statements can be interlinked with resources.	Property				X
[Requirement 54]	Statements can be interlinked with resources proving their reliability.	Property				X
[Requirement 55]	Inconsistency of statements is allowed if the metadata refers to the origin of the statements.	Validation		Out of scope.		X
[Requirement 86]	A statement can related to 0-n places.	Property				X
<b>Holding</b>	<b>The place an item is located, subclass of place</b>	<b>Entity</b>	<b>lido:repositoryWrap</b>	<b>Wrapper for Repository/Location information.</b>		✓
[Requirement 83]	Holdings must be identified by identifiers that are unique, machine readable and persistent	Property	lido:legalBodyID	Unambiguous identification of the institution or person referred to as legal body.	<lido:repositoryName><lido:legalBodyID lido:type="URI">http://ld.zdb-services.de/resource/organisations/DE-7</lido:legalBodyID><lido:legalBodyName><lido:appellationValue>Niedersächsische Staats- und Universitätsbibliothek Göttingen</lido:appellationValue></lido:	✓
[Requirement 84]	Holdings can be identified by machine readable geo-information / geographic coordinates.	Property	lido:gml	Georeferences of the place using the GML specification.		✓

[Requirement 85]	Holding descriptions must include 1-n place appellations.	Property	lido:legalBodyName	Appellation of the institution or person.  lido:legalBodyName is repeatable.	legalBodyName><lido:legalBodyName><lido:appellationValue>SUB Göttingen</lido:appellationValue></lido:legalBodyName><lido:legalBodyWeblink>http://www.gbv.de/</lido:legalBodyWeblink></lido:repositoryName>	✓
[Requirement 58]	Holding descriptions must provide contact information.	Property	lido:BodyWeblink	Weblink of the institution or person referred to as legal body.		✓
<b>Concept</b>	<b>A term from a controlled vocabulary</b>	<b>Entity</b>		<b>LIDO recommends the use of controlled values for the following elements: category, classification, culture, eventMethod, eventType, nationalityActor, objectWorkType, periodName, placeClassification, recordType, relatedEventRelType, relatedWorkRelType, resourcePerspective, resourceRelType, resourceType, rightsType, roleActor, roleInEvent, subjectConcept, termMaterialsTech</b>		✓
[Requirement 66]	Controlled values used for the description of resources must be values of a domain-specific or a cross-domain standard.	Value		Out of scope.		X
[Requirement 67]	Controlled values used for the description of resources must be identified by identifiers that are unique, machine readable and persistent.	Property	lido:conceptID	A unique identifier for the concept	<lido:conceptID>http://id.loc.gov/authorities/subjects/sh85138958</lido:conceptID>	✓
[Requirement 68]	The used controlled vocabularies must be available in machine	Value		Out of scope.		X

	readable form.					
[Requirement 69]	The used controlled vocabularies must be available open access.	Value		Out of scope.		X
[Requirement 70]	Synonym appellations must be merged using authorities.	Property	prefLabel altLabel	Out of scope.		X